

WHAT IS CLAIMED IS:

1. An ink jet recording apparatus for performing recording by discharging ink from recording means to a recording material, said apparatus comprising:
  - a cap capable of moving in approaching and receding directions against a discharge port surface of said recording means, said cap being for covering said discharge port surface;
  - 10 a wiper sliding while contacting with said discharge port surface to wipe said discharge port surface to clean it;
  - a wiper driving gear for transferring drive to said wiper;
  - 15 a cam and gear member including a cam portion for controlling movement of said cap and a gear portion for transferring drive to said wiper driving gear, said cam and gear member configured so that said gear portion and said wiper driving gear are engaged with each other after said cap has moved to a position where said cap does not interfere with said wiper.
2. An ink jet recording apparatus according to claim 1, wherein said wiper passes between said cap and said discharge port surface after said cap has moved to the position where said cap does not

interfere with said wiper.

3. An ink jet recording apparatus according to  
claim 1, wherein said cam portion and said gear  
portion of said cam and gear member are formed as an  
individual component, and said cam portion and said  
gear portion are assembled to rotate at a same phase  
for forming said cam and gear member.  
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10 4. An ink jet recording apparatus according to  
claim 1, wherein a wiper holder mounting said wiper  
thereon is moved by a lead screw.

15 5. An ink jet recording apparatus according to  
claim 1, wherein said cap is held by a cap holder,  
and said cap approaches or recedes against said  
discharge port surface by a rotation of a lever  
member engaging with said cam portion and said cap  
holder.

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6. An ink jet recording apparatus according to  
claim 1, further comprising stopper means for  
regulating movement of said wiper when said gear  
portion is not engaged with said wiper driving gear.

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7. An ink jet recording apparatus according to  
claim 6, wherein said stopper means is a tooth form

capable of engaging with said wiper driving gear,  
said tooth form formed on said lever member.

8. A recovery mechanism portion of an ink jet  
5 recording apparatus for performing recording by  
discharging ink from recording means to a recording  
material, said portion comprising:

a cap capable of moving in approaching and  
receding directions against a discharge port surface  
10 of said recording means, said cap being for covering  
said discharge port surface;

a wiper sliding while contacting with said  
discharge port surface to wipe said discharge port  
surface to clean it;

15 a wiper driving gear for transferring drive to  
said wiper;

a cam and gear member including a cam portion  
for controlling movement of said cap and a gear  
portion for transferring drive to said wiper driving  
20 gear, said cam and gear member configured so that  
said gear portion and said wiper driving gear are  
engaged with each other after said cap has moved to a  
position where said cap does not interfere with said  
wiper.